LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119073.D
Acq On : 25 Feb 2020 19:17
Operator : CG/JU
Sample : L1671-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	556	560	585	rBV	2104869	2069351	26.43%	4.855%
2	6.393	728	732	750	rBV	1248058	1246359	15.92%	2.924%
3	6.751	789	793	802	rBV	1185083	1027838	13.13%	2.411%
4	6.910	815	820	823	rBV	4330014	4140419	52.89%	9.714%
5	7.316	883	889	892	rBV	2877157	3172157	40.52%	7.442%
6	8.034	1006	1011	1024	rBV	1380067	1344514	17.17%	3.154%
7	9.110	1188	1194	1197	rBV	6009047	6543535	83.58%	15.352%
8	9.498	1257	1260	1265	rBV	188051	182812	2.34%	0.429%
9	9.781	1303	1308	1323	rBV	1689196	1677602	21.43%	3.936%
10	10.575	1438	1443	1456	rBV	4545456	4578926	58.49%	10.743%
11	11.269	1557	1561	1568	rBV	1867265	1765931	22.56%	4.143%
12	11.798	1647	1651	1665	rBV	327747	371044	4.74%	0.871%
13	12.580	1781	1784	1797	rBV	150252	189917	2.43%	0.446%
14	12.857	1825	1831	1834	rBV	7146431	7828789	100.00%	18.367%
15	13.751	1978	1983	1998	rBV	318900	441689	5.64%	1.036%
16	13.904	2005	2009	2015	rVB	1618967	1595623	20.38%	3.744%
17	14.069	2033	2037	2046	rVB	255652	250937	3.21%	0.589%
18	14.369	2084	2088	2098	rBV	437415	418649	5.35%	0.982%
19	14.669	2135	2139	2143	rBV	583879	552341	7.06%	1.296%
20	14.986	2188	2193	2202	rBV	569254	623477	7.96%	1.463%
21	15.333	2246	2252	2264	rBV2	1146291	1942784	24.82%	4.558%
22	15.757	2318	2324	2329	rBV	297771	429590	5.49%	1.008%
23	16.227	2399	2404	2414	rVB	138722	228953	2.92%	0.537%

Sum of corrected areas: 42623237

LSC Report - Integrated Chromatogram

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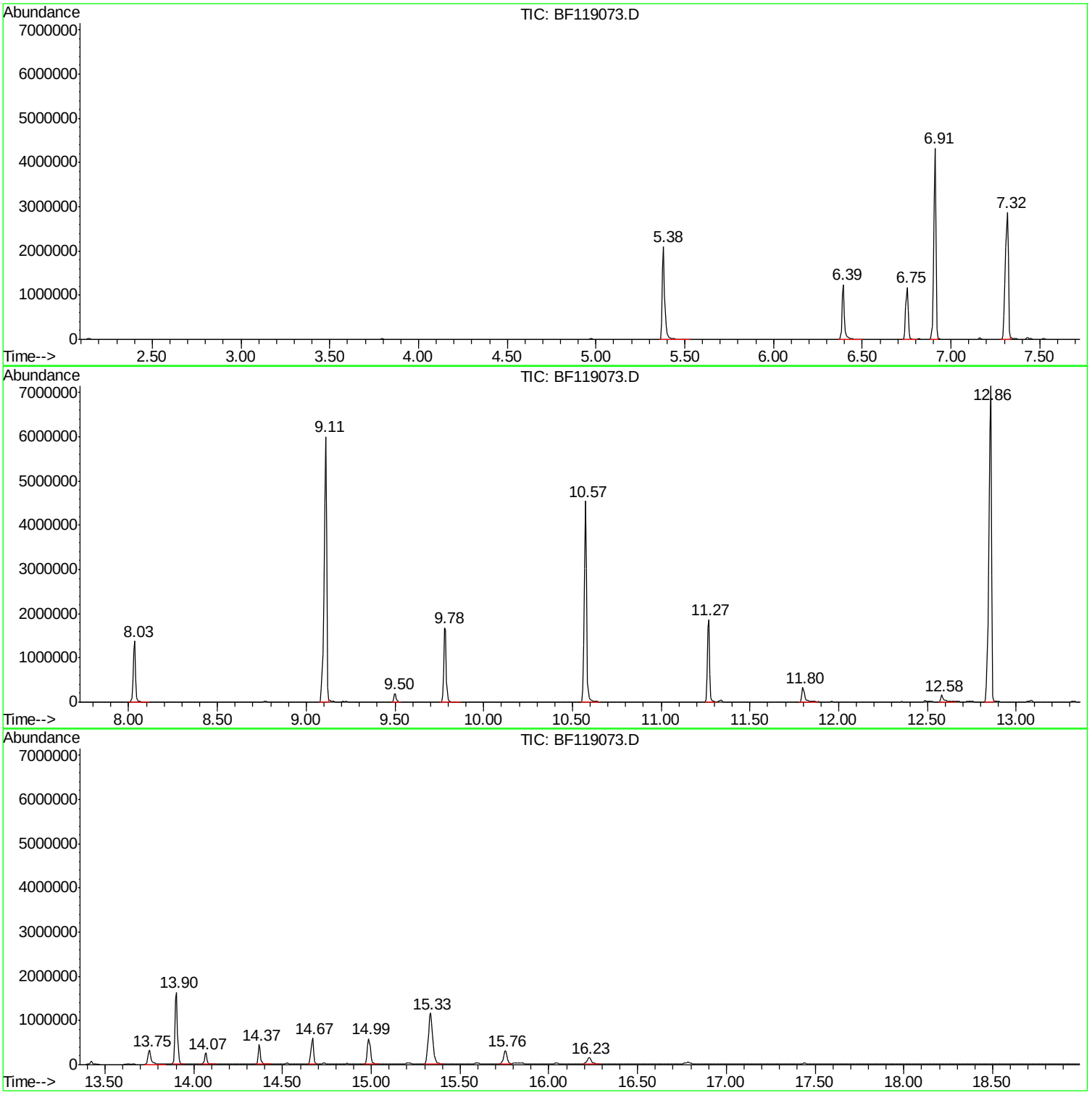
Operator : CG/JU
Sample : L1671-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119073.D
Acq On : 25 Feb 2020 19:17
Operator : CG/JU
Sample : L1671-02
Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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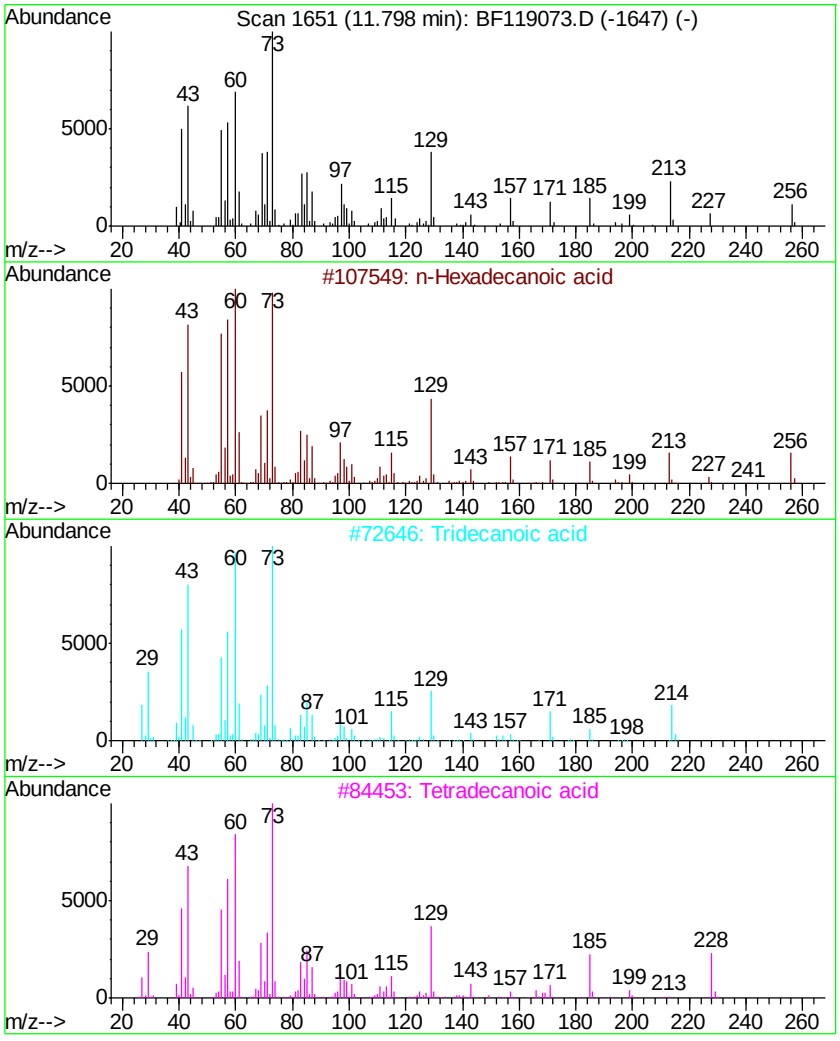
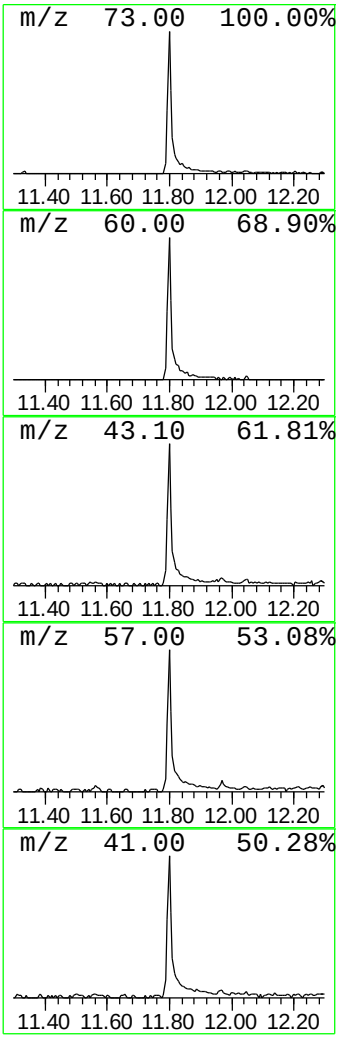
Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.20 ng	371044	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119073.D
Acq On : 25 Feb 2020 19:17
Operator : CG/JU
Sample : L1671-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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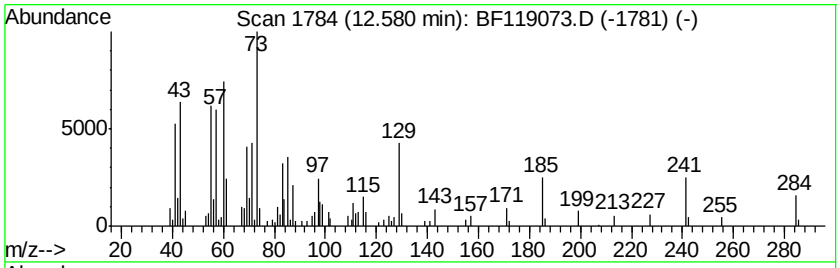
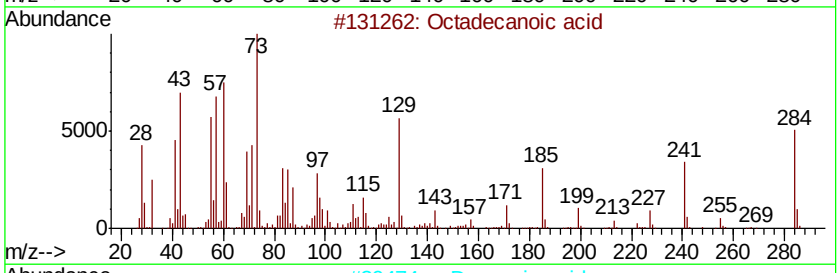
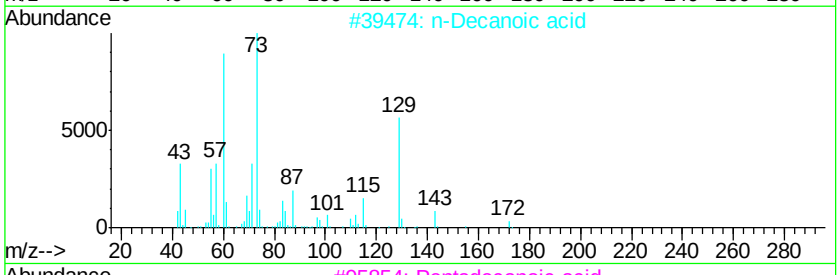
Peak Number 3 Octadecanoic acid Concentration Rank 10

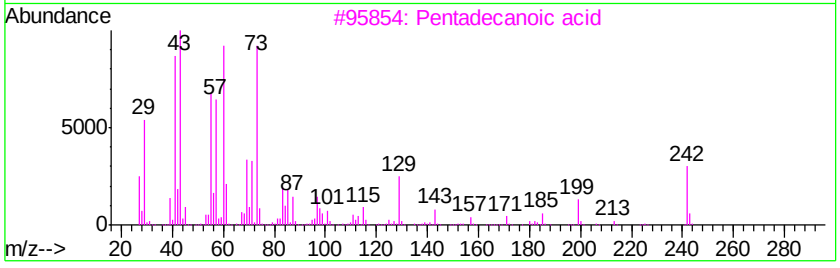
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.15 ng	189917	Phenanthrene-d10	11.27

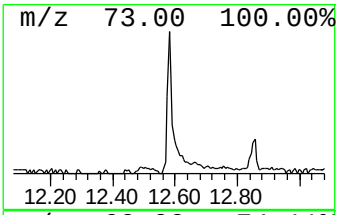
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	60

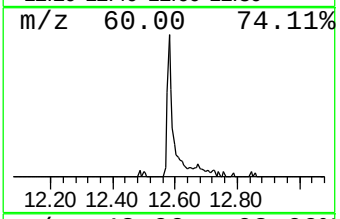


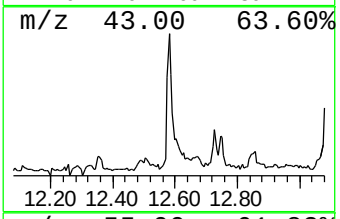


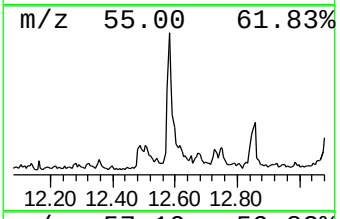


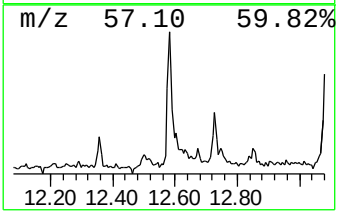












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119073.D
Acq On : 25 Feb 2020 19:17
Operator : CG/JU
Sample : L1671-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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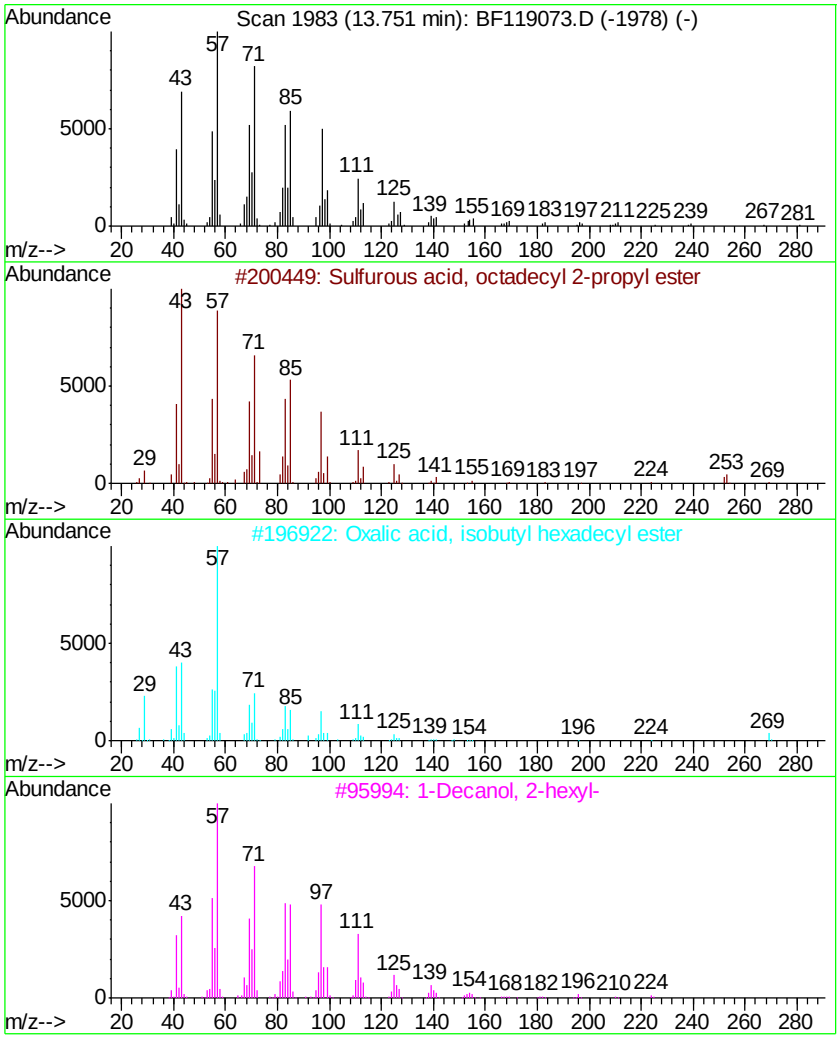
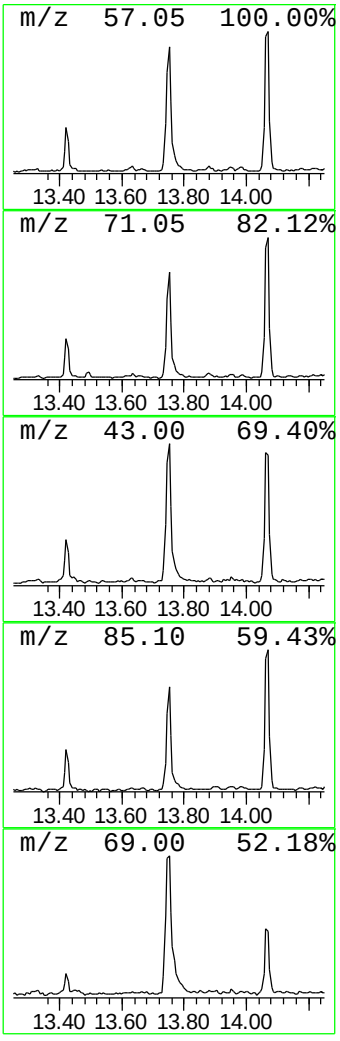
Peak Number 4 Sulfurous acid, octadecyl 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.54 ng	441689	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	76
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
5	Cyclopentadecane	210	C15H30	000295-48-7	64





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Misc :
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Instrument : BNA_F
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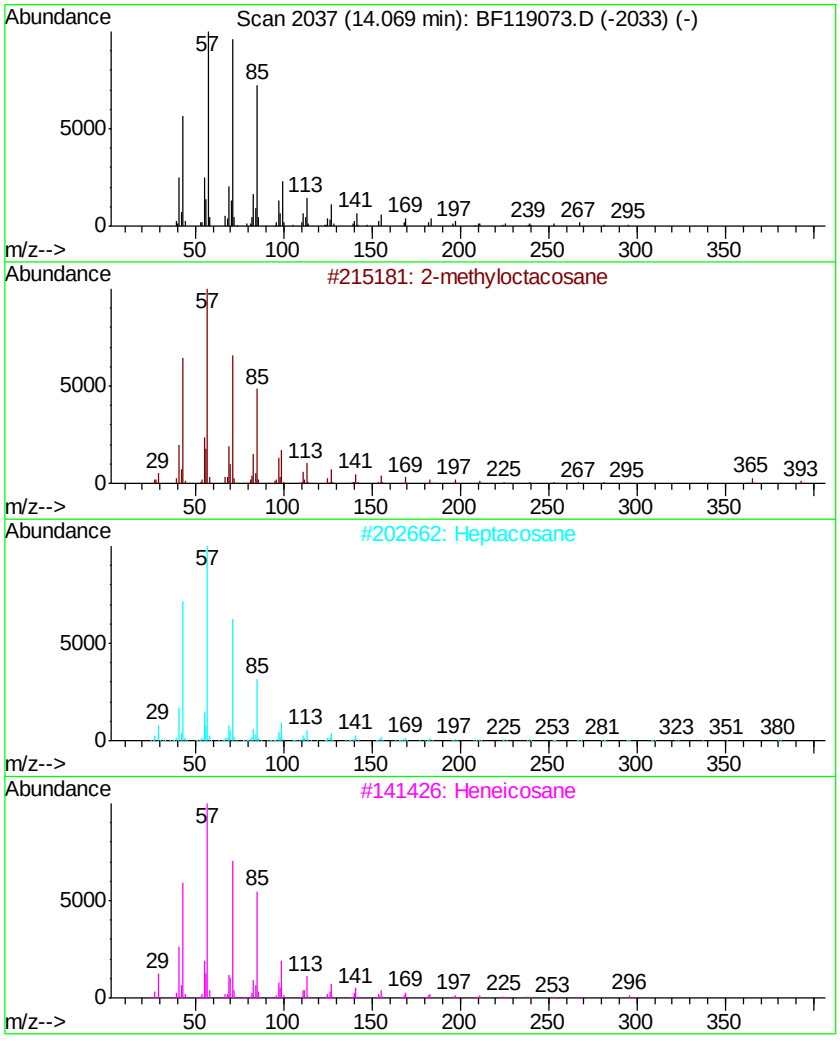
TIC Integration Parameters: LSCINT.P

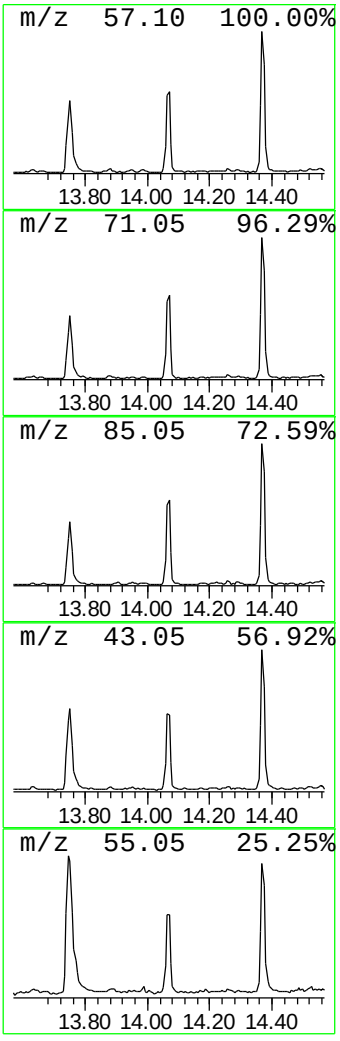
****

Peak Number 5 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.15 ng	250937	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
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Operator : CG/JU
Sample : L1671-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
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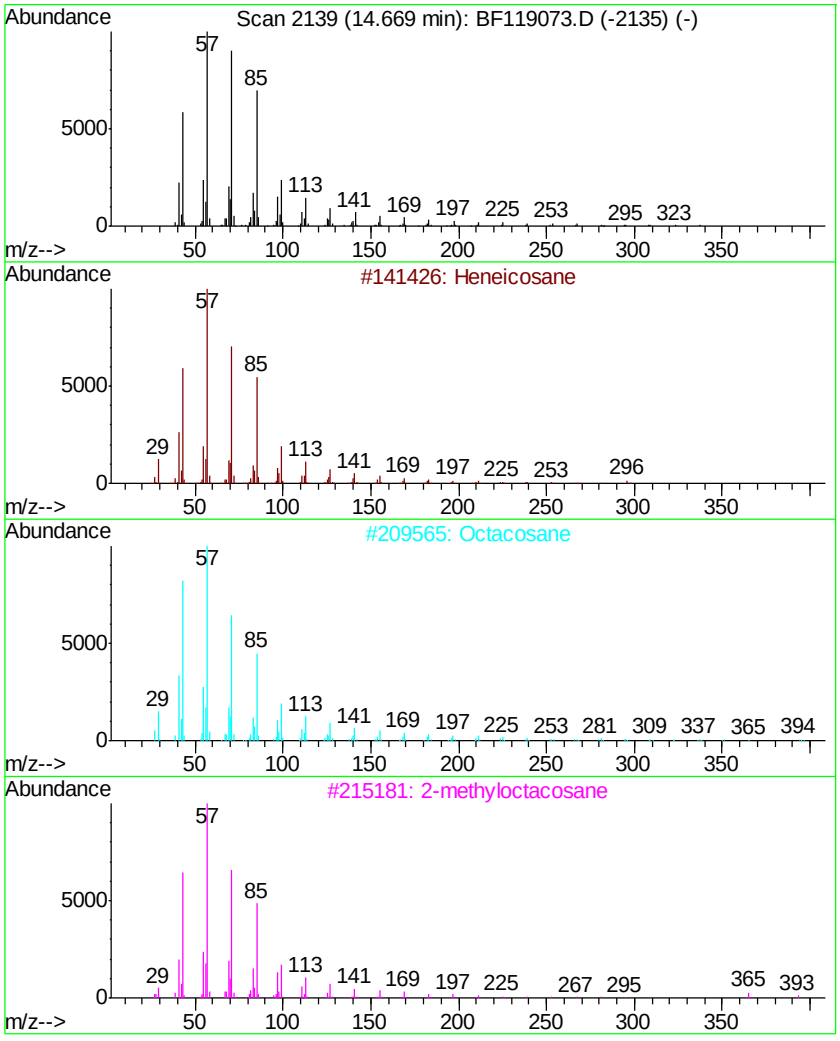
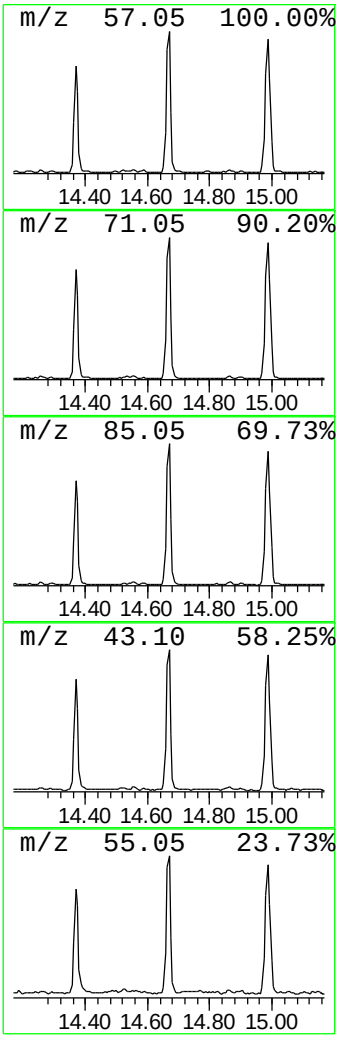
****

Peak Number 7 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.69 ng	552341	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91





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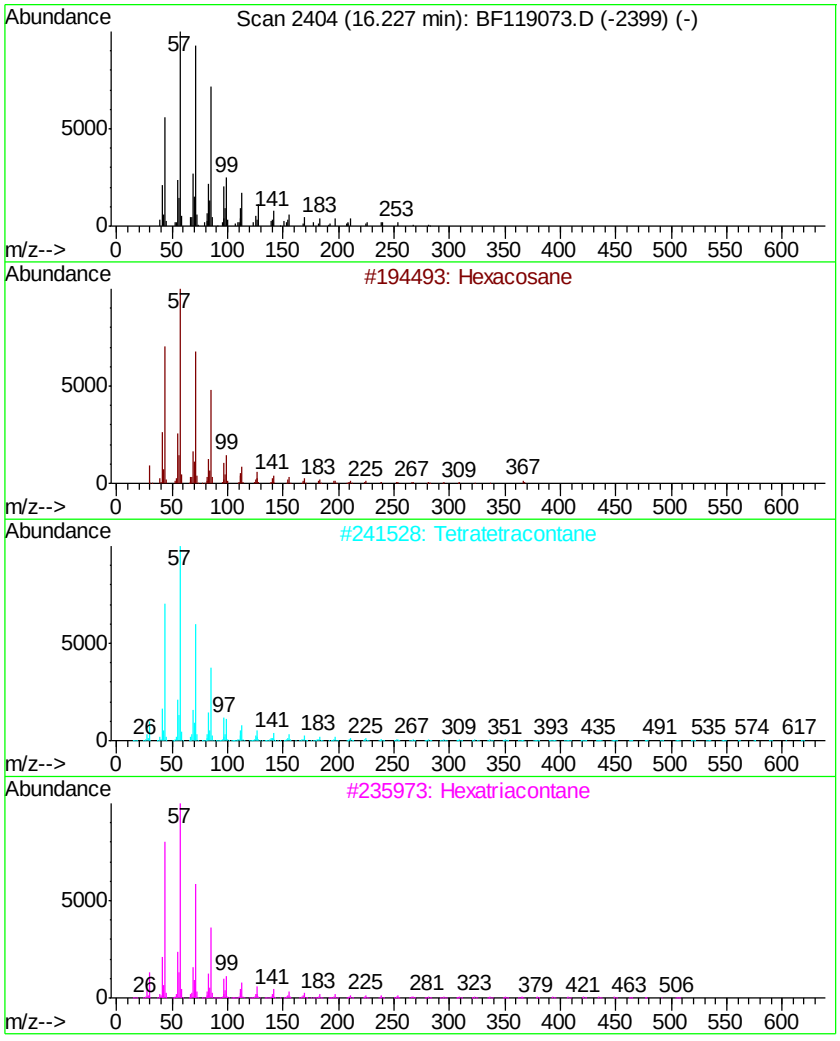
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

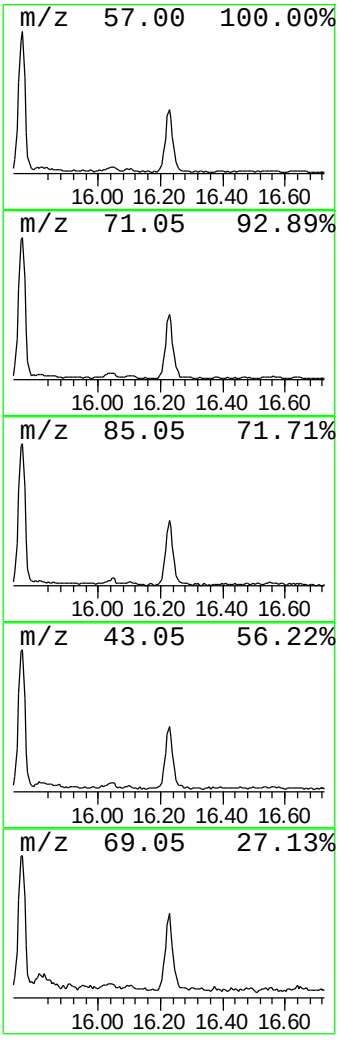
****

Peak Number 10 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	2.36 ng	228953	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	11.80	4.2	ng	371044	4	11.27	1765930	20.0
Octadecanoic acid	12.58	2.1	ng	189917	4	11.27	1765930	20.0
Sulfurous acid, o...	13.75	5.5	ng	441689	5	13.90	1595620	20.0
2-methyloctacosane	14.07	3.1	ng	250937	5	13.90	1595620	20.0
Heneicosane	14.67	5.7	ng	552341	6	15.33	1942780	20.0
Hexacosane	16.23	2.4	ng	228953	6	15.33	1942780	20.0